

GENERIC NAME:

ATROPINE SULFATE

BRAND NAME: Atropine

Indications

Excessive cholinergic symptoms from organophosphate or N-methyl-carbamate insecticide toxicity.

Mechanism

Competitively inhibits binding of acetylcholine to muscarinic receptors.

Supplied

0.4 mg/ml; 20 ml multi-dose vials.

Dose

Adults: 2 - 5 mg IV push every 5 - 10 minutes until atropinization.

Kids: 0.05 mg/kg IV push every 5 - 10 minutes until atropinization.

May give IM or by ETT if only option.

Adverse Effects

Ileus, urinary retention, confusion.

Contraindications

Allergy is the only absolute contraindication. Relatively contraindicated in the rare patient with narrow angle glaucoma.

NOTE: Tachycardia is NOT a contraindication.

Documentation and Outcome

Document lack of contraindications.

Document indication for therapy (e.g., salivation, bronchospasm, bradycardia and pesticide poisoning).

Document dose, route of administration, time of administration, duration of administration.

Document patient response or lack thereof: vital signs, secretions, pupil size, bowel sounds, vomiting, diarrhea, breath sounds.